

**Commonwealth of Kentucky
Natural Resources and Environmental Protection Cabinet
Department for Environmental Protection
Division for Air Quality
803 Schenkel Lane
Frankfort, Kentucky 40601
(502) 573-3382**

AIR QUALITY PERMIT

Permittee Name: R.R. DONNELLEY AND SONS COMPANY
DANVILLE MANUFACTURING DIVISION

Mailing Address: 3201 Lebanon Road, Danville, Kentucky 40422

Source Name: Same as above

Mailing Address: Same as above

Source Location: Same as above

Permit Type: Federally Enforceable

Review Type: Significant Permit Revision

Permit Number: V-99-011 (Revision 1)

Log Number: F460

**Revision Log
Number:** 53542

Title V Application

Complete Date: February 12, 1998

**Revision Complete
Date:** February 20, 2001

AFS Plant ID #: 21-021-00037

SIC Code: 2752

Region: Bluegrass

County: Boyle

Issuance Date: October 25, 2000

Revision Date:

Expiration Date: October 25, 2005

**John E. Hornback, Director
Division for Air Quality**

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SECTION A - PERMIT AUTHORIZATION

Pursuant to a duly submitted application which was determined to be complete on February 20, 2001, the Kentucky Division for Air Quality hereby authorizes the construction/operation of the equipment described herein in accordance with the terms and conditions of this permit. This permit has been issued under the provisions of Kentucky Revised Statutes Chapter 224 and regulations promulgated pursuant thereto.

The permittee shall not construct, reconstruct, or modify any affected facilities without first having submitted a complete application and receiving a permit for the planned activity from the permitting authority, except as provided in this permit or in the Regulation 401 KAR 50:035, Permits.

Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by this Cabinet or any other federal, state, or local agency.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS

- 01 (01) Offset heatset lithographic press KDM-876**
Sigma No. 80 Hot Air Dryer manufactured by M.E.G.
Construction commenced: July 1985
- 02 (02) Offset heatset lithographic press KDM-880**
Two Sigma No. 80 Hot Air Dryers manufactured by M.E.G.
Construction commenced: August 1985
- 03 (03) Offset heatset lithographic press KDM-881**
Two Sigma No. 80 Hot Air Dryers manufactured by M.E.G.
Construction commenced: November 1985
- 04 (04) Offset heatset lithographic press KDM-882**
Two Model C-3800 Hot Air Dryers manufactured by TEC Systems
Construction commenced: June 1987
- 05 (05) Offset heatset lithographic press KDM-883**
Two Model Phazer II Hot Air Dryers manufactured by MEGTEC
Construction commenced: April 1986
- 06 (06) Offset heatset lithographic press KDM-884**
Two Model C-3800 Hot Air Dryers manufactured by TEC Systems
Construction commenced: September 1988
- 07 (07) Offset heatset lithographic press KDM-877**
Two Model C-411 Hot Air Dryers manufactured by TEC Systems
Construction commenced: August 1990

Control Equipment:

1. Thermal oxidizer #1 installed September (KATEC), 1988.
2. Regenerative thermal oxidizer #1 (MEGTEC), installed September, 1998.
3. Regenerative thermal oxidizer #2 (MEGTEC), installed January, 2000.

Two (2) regenerative thermal oxidizers and one (1) thermal oxidizer are controlling all 11 presses in a triplex configuration.

Claimed Efficiency: 95%

APPLICABLE REGULATIONS: None

1. Operating Limitations:

Usage rates of inks, fountain solutions and cleanup solvents containing VOC's shall be restricted so as not to exceed the emission limitations in Section B(2).

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

2. **Emission Limitations**: None

Synthetic minor limitation to preclude applicability of Regulation 401 KAR 51:017, Prevention of significant deterioration or air quality.

Volatile organic compounds (VOC) emissions shall be less than 250 tons per rolling 12-month period.

Compliance Demonstration Method: see group requirements

3. **Testing Requirements**: see group requirements

4. **Specific Monitoring Requirements**: see group requirements

5. **Specific Record Keeping Requirements**: see group requirements

6. **Specific Reporting Requirements**: see group requirements

7. **Specific Control Equipment Operating Conditions**: see group requirements

8. **Alternate Operating Scenarios**: None

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

08 (08) Offset heatset lithographic press KDM-885
Two Model P-693 Hot Air Dryers manufactured by TEC Systems
Construction commenced: July 1993

Control Equipment:

1. Thermal oxidizer #1 (KATEC), installed September 1988.
2. Regenerative thermal oxidizer #1 (MEGTEC), installed September, 1998.
3. Regenerative thermal oxidizer #2 (MEGTEC), installed January, 2000.

Two (2) regenerative thermal oxidizers and one (1) thermal oxidizer are controlling all 11 presses in a triplex configuration.

Claimed Efficiency: 95%

APPLICABLE REGULATIONS: None

1. **Operating Limitations:** None

2. **Emission Limitations:** None

Compliance Demonstration Method: see group requirements

3. **Testing Requirements:** see group requirements

4. **Specific Monitoring Requirements:** see group requirements

5. **Specific Record Keeping Requirements:** see group requirements

6. **Specific Reporting Requirements:** see group requirements

7. **Specific Control Equipment Operating Conditions:** see group requirements

8. **Alternate Operating Scenarios:** None

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

- 09 (19) Offset heatset lithographic press KDM-886**
Two Model P-390 Hot Air Dryers manufactured by TEC Systems
Construction commenced: May 1994

Control Equipment:

1. Thermal oxidizer #1 (KATEC), installed September 1988.
 2. Regenerative thermal oxidizer #1 (MEGTEC), installed September, 1998.
 3. Regenerative thermal oxidizer #2 (MEGTEC), installed January, 2000.
- Two (2) regenerative thermal oxidizers and one (1) thermal oxidizer are controlling all 11 presses in a triplex configuration.

Claimed Efficiency: 95%

APPLICABLE REGULATIONS: None

1. Operating Limitations:

Usage rates of inks, fountain solutions and cleanup solvents containing VOC's shall be restricted so as not to exceed the emission limitations in Section B(2).

2. Emission Limitations:

Synthetic minor limitation to preclude applicability of Regulation 401 KAR 51:017, Prevention of significant deterioration or air quality.

Volatile organic compounds (VOC) emissions shall be less than 40 tons per rolling 12-month period.

Compliance Demonstration Method: see group requirements

3. Testing Requirements: see group requirements

4. Specific Monitoring Requirements: see group requirements

5. Specific Record Keeping Requirements: see group requirements

6. Specific Reporting Requirements: see group requirements

7. Specific Control Equipment Operating Conditions: see group requirements

8. Alternate Operating Scenarios: None

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

These points being constructed under this determination:

- 10 (31) Offset heatset lithographic press KDM-887**
Two Model P-693 Hot Air Dryers manufactured by TEC Systems
Construction commenced: 2001
- 11 (32) Offset heatset lithographic press KDM-888**
Two Model P-390 Hot Air Dryers manufactured by TEC Systems
Construction commenced: 2001

Control Equipment:

1. Thermal oxidizer #1 (KATEC), installed September 1988.
 2. Regenerative thermal oxidizer #1 (MEGTEC), installed September, 1998.
 3. Regenerative thermal oxidizer #2 (MEGTEC), installed January, 2000.
- Two (2) regenerative thermal oxidizers and one (1) thermal oxidizer are controlling all 11 presses in a triplex configuration.

Claimed Efficiency: 95%

APPLICABLE REGULATIONS: None

1. Operating Limitations :

Usage rates of inks, fountain solutions and cleanup solvents containing VOC's shall be restricted so as not to exceed the emission limitations in Section B(2).

2. Emission Limitations :

Synthetic minor limitation to preclude applicability of Regulation 401 KAR 51:017, Prevention of significant deterioration or air quality.

Volatile organic compounds (VOC) emissions shall be less than 40 tons per rolling 12-month period for both presses combined.

Compliance Demonstration Method: see group requirements

3. Testing Requirements: see group requirements

4. Specific Monitoring Requirements: see group requirements

5. Specific Record Keeping Requirements: see group requirements

6. Specific Reporting Requirements: see group requirements

7. Specific Control Equipment Operating Conditions: see group requirements

8. Alternate Operating Scenarios: None

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**Group Requirements****List of Points (01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11)****1. Compliance Demonstration Method:**

- a. The following formula or equivalent may be used in calculating emissions of VOC's from ink:

VOC emitted (lbs) = Σ {gallons of ink x VOC content of ink (lbs/gal) x 0.8 x (1-control efficiency of the thermal oxidizers)}

- b. The following formula or equivalent may be used in calculating emissions of VOC's from fountain solution:

VOC emitted (lbs) = Σ {gallons of fountain solution concentrate x VOC content of fountain solution concentrate (lbs/gal) x 0.7 x (1-control efficiency of the thermal oxidizers)} + Σ {gallons of fountain solution concentrate x VOC content of fountain solution (lbs/gal) x 0.30}

- c. The following formula or equivalent may be used in calculating emissions of VOC's from clean up solvent (Auto Blanket Wash ABW):

VOC emitted (lbs) = Σ {gallons of ABW x VOC content of ABW (lbs/gal) x 0.4 x (1-control efficiency of the thermal oxidizers)} + Σ {gallons of ABW x VOC content of ABW (lbs/gal) x 0.60}

- d. The following formula or equivalent may be used in calculating emissions of VOC's from clean up solvent (Manual Blanket Wash MBW):

VOC emitted (lbs) = Σ {gallons of MBW x VOC content of MBW (lbs/gal) x 0.50}

VOC emissions determined by formulas (a) through (d) or equivalent shall be summed and used to demonstrate compliance with the emission limitations listed for each affected facility(s).

For the formulas above, the control efficiency of the thermal oxidizers is 95% or that efficiency established during the most recent performance test.

1. A control efficiency of 0% shall be used when the presses are operated without the emissions directed to a thermal oxidizer.
2. A control efficiency of 0% shall be assumed for all periods the thermal oxidizers are receiving emissions from the presses during which, for a period of 3 hours or more, the average combustion chamber temperature of the thermal oxidizer is more than 28°C (50°F) below the average combustion chamber temperature of the thermal oxidizer during the most recent performance test.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**2. Testing Requirements:**

The permittee shall conduct a performance test on the thermal oxidizers to determine the destruction efficiency for volatile organic compounds within six months following the issuance of this permit. Pursuant to Section VII 2(1) of the policy manual of the Division for Air Quality as referenced by Regulation 401 KAR 50:016, Section 1(1), at least one month prior to the date of the required performance test, the permittee shall complete and return a Compliance Test Protocol (Form DEP 6027) to the division's Frankfort Central Office. Pursuant to 401 KAR 50:045, Section 5, the division shall be notified of the actual test date at least ten (10) days prior to the test.

If the permittee has conducted a division-witnessed performance test within the six months preceding issuance of this permit, the results of this testing shall be accepted in lieu of the testing specified above.

3. Specific Monitoring Requirements:

The permittee shall install, calibrate, maintain, and operate monitoring devices which shall indicate the operating temperatures of the thermal oxidizers. The monitoring devices shall have an accuracy of the greater of ± 0.75 percent of the temperature being measured expressed in degrees Celsius or $\pm 2.5^{\circ}\text{C}$. The monitoring devices shall be connected to a device(s) that records the temperature via a strip chart, electronic media, or other means. Any required recording system shall be installed and operational no later than 180 days from the date of issuance of this permit.

4. Specific Record keeping Requirements:

The permittee shall maintain records of the following information for each thermal oxidizer:

- a. The design and/or manufacturer's specifications.
- b. The operational procedures and preventive maintenance records.
- c. The combustion chamber temperature for each thermal oxidizer in operation.
- d. All 3-hour periods (during actual printing operations) during which the average combustion chamber temperature of the thermal oxidizer is more than 28°C (50°F) below the average combustion temperature of the thermal oxidizer during the most recent performance test.
- e. During all periods of operation of the thermal oxidizers during which the 3-hour average combustion chamber temperature of the thermal oxidizer is more than 28°C (50°F) below the average combustion chamber temperature of the thermal oxidizer during the most recent performance test, operation of the presses without control, or malfunction of the thermal oxidizers, a daily log of the following information shall be kept:
 1. Whether any air emissions were visible from the facilities associated with the thermal oxidizers.
 2. Whether visible emissions were normal for the process.
 3. The cause of the visible emissions.
 4. Any corrective action taken.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

4. Specific Record Keeping Requirements (continued):

The permittee shall keep calendar month records of usage of all inks, fountain solutions, and clean up solvents. At the end of each month, Volatile Organic Compounds (VOC) emissions shall be calculated and recorded. These records shall be summarized and tons per month VOC emissions calculated and recorded (see Group Requirement, Section 1). Tons VOC per 12 months shall also be recorded. The recorded tons per 12 months shall be a 12-month rolling total representing the most recent year. In addition, those records shall show compliance with VOC emission limitations listed in this permit for each synthetic minor limitation. These records, as well as purchase orders and invoices for all VOC-containing materials, shall be made available for inspection upon request by any duly authorized representatives of the Division for Air Quality.

5. Specific Reporting Requirements:

The permittee shall submit quarterly reports to the London Regional Office of exceedances of the VOC emission limits specified in this permit or when the thermal oxidizer(s) temperatures drop as defined in Section B(4)(d) of this permit. If no such exceedances occur during a particular quarter, a report stating this shall be submitted to the London Regional Office semiannually. In addition, those reports shall show tons per month of VOC emissions and a 12-month rolling total for VOC emissions for each month in the quarter.

6. Specific Control Equipment Operating Conditions:

The thermal oxidizers shall be operated in accordance with standard operating practices based on generally accepted procedures, taking into account manufacturer's recommendations. See Section E for specific operating requirements.

SECTION C - INSIGNIFICANT ACTIVITIES

The following listed activities have been determined to be insignificant activities for this source pursuant to Regulation 401 KAR 50:035, Section 5(4). While these activities are designated as insignificant the permittee must comply with the applicable regulation and some minimal level of periodic monitoring may be necessary.

	<u>Description</u>	<u>Generally Applicable Regulation</u>
1.	2 UV Coaters	NA
2.	2 Propane Storage Tanks	NA
3.	7 Hot Melt Glue Pots	NA
4.	14 Parts Washers	401 KAR 59:185 Sec 8(2)
5.	2 Roller Washers	401 KAR 59:185 Sec 8(2)
6.	2 Emergency Electrical Generators	NA
7.	11 Ink Jet Printers	NA
8.	11 Vacuum Pumps	401 KAR 59:010
9.	Preliminary Operations, including plate processor and plate maker	401 KAR 59:010
10.	6 Dust Collectors	401 KAR 59:010
11.	Fire Pump Diesel Engine	NA
12.	Waste Water Anaerobic Tank	NA
13.	Waste Water Pretreatment System	NA
14.	Fuel Oil Storage Tank	NA
15.	Blanket Wash Storage Tank	NA
16.	Waste Water Neutralization Tank	NA
17.	2 Waste Water Surge Tanks	NA
18.	6 Cooling Towers	401 KAR 63:010
19.	2 Dock Heaters	401 KAR 59:010

SECTION C - INSIGNIFICANT ACTIVITIES (CONTINUED)

	<u>Description</u>	<u>Generally Applicable Regulation</u>
20.	Gasoline Storage Tank	NA
21.	3 Diesel Storage Tanks	NA
22.	Natural Gas Hot Water Boiler 2.0 MM Btu/hr	401 KAR 59:015
23.	Propane Vaporizer 1.3 MM Btu/hr	401 KAR 59:015
24.	Recovered oil tank (North Tank) 15,000 Gallon	NA
25.	Recovered oil tank (South Tank) 15,000 Gallon	NA

SECTION D - SOURCE EMISSION LIMITATIONS AND TESTING REQUIREMENTS

1. The overall destruction efficiency of the thermal oxidizers shall be tested using Reference Method 25A specified in Regulation 401 KAR 50:015, Documents incorporated by reference or other method approved in the Compliance Test Protocol.
2. If the permittee can demonstrate to the division's satisfaction that testing of representative stacks yields results comparable to those that would be obtained by testing all stacks, the division will approve testing of representative stacks on case-by-case basis.
3. Compliance with annual emissions imposed pursuant to 401 KAR 50:035, Permits, Section 7(1)(a), and contained in this permit, shall be based on emissions for any twelve (12) consecutive months.

SECTION E - SOURCE CONTROL EQUIPMENT REQUIREMENTS

1. Pursuant to 401 KAR 50:055, Section 2(5), at all times, including periods of startup, shutdown and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the division which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.

SECTION F - MONITORING, RECORD KEEPING, AND REPORTING REQUIREMENTS

1. When continuing compliance is demonstrated by periodic testing or instrumental monitoring, the permittee shall compile records of required monitoring information that include:
 - a. Date, place as defined in this permit, and time of sampling or measurements.
 - b. Analyses performance dates;
 - c. Company or entity that performed analyses;
 - d. Analytical techniques or methods used;
 - e. Analyses results; and
 - f. Operating conditions during time of sampling or measurement;
2. Records of all required monitoring data and support information, including calibrations, maintenance records, and original strip chart recordings, and copies of all reports required by the Division for Air Quality, shall be retained by the permittee for a period of five years and shall be made available for inspection upon request by any duly authorized representative of the Division for Air Quality. [401 KAR 50:035, Permits, Section 7(1)(d)2 and 401 KAR 50:035, Permits, Section 7(2)(c)]
3. In accordance with the requirements of Regulation 401 KAR 50:035, Permits, Section 7(2)(c) the permittee shall allow the Cabinet or authorized representatives to perform the following:
 - a. Enter upon the premises where a source is located or emissions-related activity is conducted, or where records are kept;
 - b. Have access to and copy, at reasonable times, any records required by the permit:
 - i. During normal office hours, and
 - ii. During periods of emergency when prompt access to records is essential to proper assessment by the Cabinet;
 - c. Inspect, at reasonable times, any facilities, equipment (including monitoring and pollution control equipment), practices, or operations required by the permit. Reasonable times shall include, but are not limited to the following:
 - i. During all hours of operation at the source,
 - ii. For all sources operated intermittently, during all hours of operation at the source and the hours between 8:00 a.m. and 4:30 p.m., Monday through Friday, excluding holidays, and
 - iii. During an emergency; and
 - d. Sample or monitor, at reasonable times, substances or parameters to assure compliance with the permit or any applicable requirements. Reasonable times shall include, but are not limited to the following:
 - i. During all hours of operation at the source,
 - ii. For all sources operated intermittently, during all hours of operation at the source and the hours between 8:00 a.m. and 4:30 p.m., Monday through Friday, excluding holidays, and
 - iii. During an emergency.
4. No person shall obstruct, hamper, or interfere with any Cabinet employee or authorized representative while in the process of carrying out official duties. Refusal of entry or access may constitute grounds for permit revocation and assessment of civil penalties.

SECTION F - MONITORING, RECORD KEEPING, AND REPORTING REQUIREMENTS (CONTINUED)

5. Summary reports of any monitoring required by this permit, other than continuous emission or opacity monitors, shall be submitted to the division's London Regional Office at least every six (6) months during the life of this permit, unless otherwise stated in this permit. For emission units that were still under construction or which had not commenced operation at the end of the 6-month period covered by the report and are subject to monitoring requirements in this permit, the report shall indicate that no monitoring was performed during the previous six months because the emission unit was not in operation.

The reports are due within 30 days after the end of each six month reporting period that commences on the initial issuance date of this permit. The permittee may shift to semi-annual reporting on a calendar year basis upon approval of the regional office. If calendar year reporting is approved, the semi-annual reports are due January 30th and July 30th of each year. Data from the continuous emission and opacity monitors shall be reported to the Technical Services Branch in accordance with the requirements of 401 KAR 59:005, General Provisions, Section 3(3). All reports shall be certified by a responsible official pursuant to Section 6(1) of Regulation 401 KAR 50:035, Permits. All deviations from permit requirements shall be clearly identified in the reports.

6.
 - a. In accordance with the provisions of Regulation 401 KAR 50:055, Section 1 the owner or operator shall notify the Division for Air Quality's London Regional Office concerning startups, shutdowns, or malfunctions as follows:
 1. When emissions during any planned shutdowns and ensuing startups will exceed the standards notification shall be made no later than three (3) days before the planned shutdown, or immediately following the decision to shut down, if the shutdown is due to events which could not have been foreseen three (3) days before the shutdown.
 2. When emissions due to malfunctions, unplanned shutdowns and ensuing startups are or may be in excess of the standards notification shall be made as promptly as possible by telephone (or other electronic media) and shall cause written notice upon request.
 - b. In accordance with the provisions of Regulation 401 KAR 50:035, Section 7(1)(e)2, the owner or operator shall report emission-related exceedances from permit requirements including those attributed to upset conditions (other than emission exceedances covered by general condition 6 a. above) to the Division for Air Quality's London Regional Office within 3 days. Other deviations from permit requirements shall be included in the semiannual report required by general condition F.5.

SECTION F - MONITORING, RECORD KEEPING, AND REPORTING REQUIREMENTS (CONTINUED)

7. Pursuant to Regulation 401 KAR 50:035, Permits, Section 7(2)(b), the permittee shall certify compliance with the terms and conditions contained in this permit, annually on the permit issuance anniversary date or by January 30th of each year if calendar year reporting is approved by the regional office, by completing and returning a Compliance Certification Form (DEP 7007CC) (or an approved alternative) to the Division for Air Quality's London Regional Office and the U.S. EPA in accordance with the following requirements:
- Identification of each term or condition of the permit that is the basis of the certification;
 - The compliance status regarding each term or condition of the permit;
 - Whether compliance was continuous or intermittent; and
 - The method used for determining the compliance status for the source, currently and over the reporting period, pursuant to 401 KAR 50:035, Section 7(1)(c),(d), and (e).
 - The certification shall be postmarked by the thirtieth (30) day following the applicable permit issuance anniversary date, or by January 30th of each year if calendar year reporting is approved by the regional office. **Annual compliance certifications should be mailed to the following addresses:**

**Division for Air Quality
London Regional Office
875 S. Main Street
London, KY 40741**

**U.S. EPA Region IV
Air Enforcement Branch
Atlanta Federal Center
61 Forsyth St.
Atlanta, GA 30303-8960**

**Division for Air Quality
Central Files
803 Schenkel Lane
Frankfort, KY 40601**

8. In accordance with Regulation 401 KAR 50:035, Section 23, the permittee shall provide the division with all information necessary to determine its subject emissions within thirty (30) days of the date the KEIS emission report is mailed to the permittee.
9. Pursuant to Section VII.3 of the policy manual of the Division for Air Quality as referenced by Regulation 401 KAR 50:016, Section 1(1), results of performance test(s) required by the permit shall be submitted to the division by the source or its representative within forty-five days after the completion of the fieldwork.

SECTION G - GENERAL CONDITIONS

(a) General Compliance Requirements

1. The permittee shall comply with all conditions of this permit. A noncompliance shall be (a) violation(s) of state regulation 401 KAR 50:035, Permits, Section 7(3)(d) and for federally enforceable permits is also a violation of Federal Statute 42 USC 7401 through 7671q (the Clean Air Act) and is grounds for enforcement action including but not limited to the termination, revocation and reissuance, or revision of this permit.
2. The filing of a request by the permittee for any permit revision, revocation, reissuance, or termination, or of a notification of a planned change or anticipated noncompliance, shall not stay any permit condition.
3. This permit may be revised, revoked, reopened and reissued, or terminated for cause. The permit will be reopened for cause and revised accordingly under the following circumstances:
 - a. If additional applicable requirements become applicable to the source and the remaining permit term is three (3) years or longer. In this case, the reopening shall be completed no later than eighteen (18) months after promulgation of the applicable requirement. A reopening shall not be required if compliance with the applicable requirement is not required until after the date on which the permit is due to expire, unless this permit or any of its terms and conditions have been extended pursuant to Regulation 401 KAR 50:035, Section 12(2)(c);
 - b. The Cabinet or the U. S. EPA determines that the permit must be revised or revoked to assure compliance with the applicable requirements;
 - c. The Cabinet or the U. S. EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit;

Proceedings to reopen and reissue a permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. Reopenings shall be made as expeditiously as practicable. Reopenings shall not be initiated before a notice of intent to reopen is provided to the source by the division, at least thirty (30) days in advance of the date the permit is to be reopened, except that the division may provide a shorter time period in the case of an emergency.

4. The permittee shall furnish to the division, in writing, information that the division may request to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit, or to determine compliance with the permit. [401 KAR 50:035, Permits, Section 7(2)(b)3e and 401 KAR 50:035, Permits, Section 7(3)(j)]
5. The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to the permitting authority.

SECTION G - GENERAL CONDITIONS (CONTINUED)

6. Any condition or portion of this permit which becomes suspended or is ruled invalid as a result of any legal or other action shall not invalidate any other portion or condition of this permit. [401 KAR 50:035, Permits, Section 7(3)(k)]
7. The permittee shall not use as a defense in an enforcement action the contention that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance. [401 KAR 50:035, Permits, Section 7(3)(e)]
8. Except as identified as state-origin requirements in this permit, all terms and conditions contained herein shall be enforceable by the United States Environmental Protection Agency and citizens of the United States.
9. This permit shall be subject to suspension if the permittee fails to pay all emissions fees within 90 days after the date of notice as specified in 401 KAR 50:038, Section 3(6). [401 KAR 50:035, Permits, Section 7(3)(h)]
10. Nothing in this permit shall alter or affect the liability of the permittee for any violation of applicable requirements prior to or at the time of permit issuance. [401 KAR 50:035, Permits, Section 8(3)(b)]
11. This permit shall not convey property rights or exclusive privileges. [401 KAR 50:035, Permits, Section 7 (3)(g)]
12. Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by the Kentucky Cabinet for Natural Resources and Environmental Protection or any other federal, state, or local agency.
13. Nothing in this permit shall alter or affect the authority of U.S. EPA to obtain information pursuant to Federal Statute 42 USC 7414, Inspections, monitoring, and entry. [401 KAR 50:035, Permits, Section 7(2)(b)5]
14. Nothing in this permit shall alter or affect the authority of U.S. EPA to impose emergency orders pursuant to Federal Statute 42 USC 7603, Emergency orders. [401 KAR 50:035, Permits, Section 8(3)(a)]
15. Permit Shield: Except as provided in State Regulation 401 KAR 50:035, Permits, compliance by the affected facilities listed herein with the conditions of this permit shall be deemed to be compliance with all applicable requirements identified in this permit as of the date of issuance of this permit.
16. All previously issued construction and operating permits are hereby null and void.

SECTION G - GENERAL CONDITIONS (CONTINUED)**(b) Permit Expiration and Reapplication Requirements**

This permit shall remain in effect for a fixed term of five (5) years following the original date of issue. Permit expiration shall terminate the source's right to operate unless a timely and complete renewal application has been submitted to the division at least six months prior to the expiration date of the permit. Upon a timely and complete submittal, the authorization to operate within the terms and conditions of this permit, including any permit shield, shall remain in effect beyond the expiration date, until the renewal permit is issued or denied by the division. [401 KAR 50:035, Permits, Section 12].

(c) Permit Revisions

1. A minor permit revision procedure may be used for permit revisions involving the use of economic incentive, marketable permit, emission trading, and other similar approaches, to the extent that these minor permit revision procedures are explicitly provided for in the SIP or in applicable requirements and meet the relevant requirements of Regulation 401 KAR 50:035, Section 15.
2. This permit is not transferable by the permittee. Future owners and operators shall obtain a new permit from the Division for Air Quality. The new permit may be processed as an administrative amendment if no other change in this permit is necessary, and provided that a written agreement containing a specific date for transfer of permit responsibility coverage and liability between the current and new permittee has been submitted to the permitting authority thirty (30) days in advance of the transfer.

**(d) Construction, Start-Up, and Initial Compliance Demonstration Requirements:
*Pertaining to emission points 10 and 11***

1. Construction of process and/or air pollution control equipment authorized by this permit shall be conducted and completed only in compliance with the conditions of this permit.
2. Within thirty (30) days following commencement of construction, and within fifteen (15) days following start-up, and attainment of the maximum production rate specified in the permit application, or within fifteen (15) days following the issuance date of this permit, whichever is later, the permittee shall furnish to the Division for Air Quality's London Regional Office in writing, with a copy to the division's Frankfort Central Office, notification of the following:
 - a. The date when construction commenced.
 - b. The date of start-up of the affected facilities listed in this permit.
 - c. The date when the maximum production rate specified in the permit application was achieved.

SECTION G - GENERAL CONDITIONS (CONTINUED)

3. Pursuant to State Regulation 401 KAR 50:035, Permits, Section 13(1), unless construction is commenced on or before 18 months after the date of issue of this permit, or if construction is commenced and then stopped for any consecutive period of 18 months or more, or if construction is not completed within eighteen (18) months of the scheduled completion date, then the construction and operating authority granted by this permit for those affected facilities for which construction was not completed shall immediately become invalid. Extensions of the time periods specified herein may be granted by the division upon a satisfactory request showing that an extension is justified.
 4. Operation of the affected facilities for which construction is authorized by this permit shall not commence until compliance with the applicable standards specified herein has been demonstrated pursuant to 401 KAR 50:055, except as provided in Section I of this permit.
 5. This permit shall allow time for the initial start-up, operation, and compliance demonstration of the affected facilities listed herein. However, within sixty (60) days after achieving the maximum production rate at which the affected facilities will be operated but not later than 180 days after initial start-up of such facilities, the permittee shall conduct a compliance demonstration on the affected facilities in accordance with Regulation 401 KAR 50:055, General compliance requirements. See Group Requirements under Section B2.
- (e) Acid Rain Program Requirements
1. If an applicable requirement of Federal Statute 42 USC 7401 through 7671q (the Clean Air Act) is more stringent than an applicable requirement promulgated pursuant to Federal Statute 42 USC 7651 through 7651o (Title IV of the Act), both provisions shall apply, and both shall be state and federally enforceable.

SECTION G - GENERAL CONDITIONS (CONTINUED)

(f) Emergency Provisions

1. An emergency shall constitute an affirmative defense to an action brought for noncompliance with the technology-based emission limitations if the permittee demonstrates through properly signed contemporaneous operating logs or other relevant evidence that:
 - a. An emergency occurred and the permittee can identify the cause of the emergency;
 - b. The permitted facility was at the time being properly operated;
 - c. During an emergency, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements in the permit; and,
 - d. The permittee notified the division as promptly as possible and submitted written notice of the emergency to the division within two working days after the time when emission limitations were exceeded due to the emergency. The notice shall meet the requirements of 401 KAR 50:035, Permits, Section 7(1)(e)2, and include a description of the emergency, steps taken to mitigate emissions, and the corrective actions taken. This requirement does not relieve the source of any other local, state or federal notification requirements.
2. Emergency conditions listed in General Condition (f)1 above are in addition to any emergency or upset provision(s) contained in an applicable requirement.
3. In an enforcement proceeding, the permittee seeking to establish the occurrence of an emergency shall have the burden of proof. [401 KAR 50:035, Permits, Section 9(3)]

(g) Risk Management Provisions

1. The permittee shall comply with all applicable requirements of 40 CFR Part 68, Risk Management Plan provisions. If required, the permittee shall comply with the Risk Management Program and submit a Risk Management Plan to:

RMP Reporting Center
P.O. Box 3346
Merrifield, VA, 22116-3346
2. If requested, submit additional relevant information by the division or the U.S. EPA.

SECTION G - GENERAL CONDITIONS (CONTINUED)

(h) Ozone-depleting substances

1. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
 - a. Persons opening appliances for maintenance, service, repair, or disposal shall comply with the required practices contained in 40 CFR 82.156.
 - b. Equipment used during the maintenance, service, repair, or disposal of appliances shall comply with the standards for recycling and recovery equipment contained in 40 CFR 82.158.
 - c. Persons performing maintenance, service, repair, or disposal of appliances shall be certified by an approved technician certification program pursuant to 40 CFR 82.161.
 - d. Persons disposing of small appliances, MVACs, and MVAC-like appliances (as defined at 40 CFR 82.152) shall comply with the record keeping requirements pursuant to 40 CFR 82.166.
 - e. Persons owning commercial or industrial process refrigeration equipment shall comply with the leak repair requirements pursuant to 40 CFR 82.156.
 - f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant shall keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166.
2. If the permittee performs service on motor (fleet) vehicle air conditioners containing ozone-depleting substances, the source shall comply with all applicable requirements as specified in 40 CFR 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

SECTION H - ALTERNATE OPERATING SCENARIOS

None

SECTION I - COMPLIANCE SCHEDULE

None